Simultaneous readout of four hybrids

using 2 rev. 3 Purple Cards (works right out of the box)

4 L2S hybrids with purple card rev 3
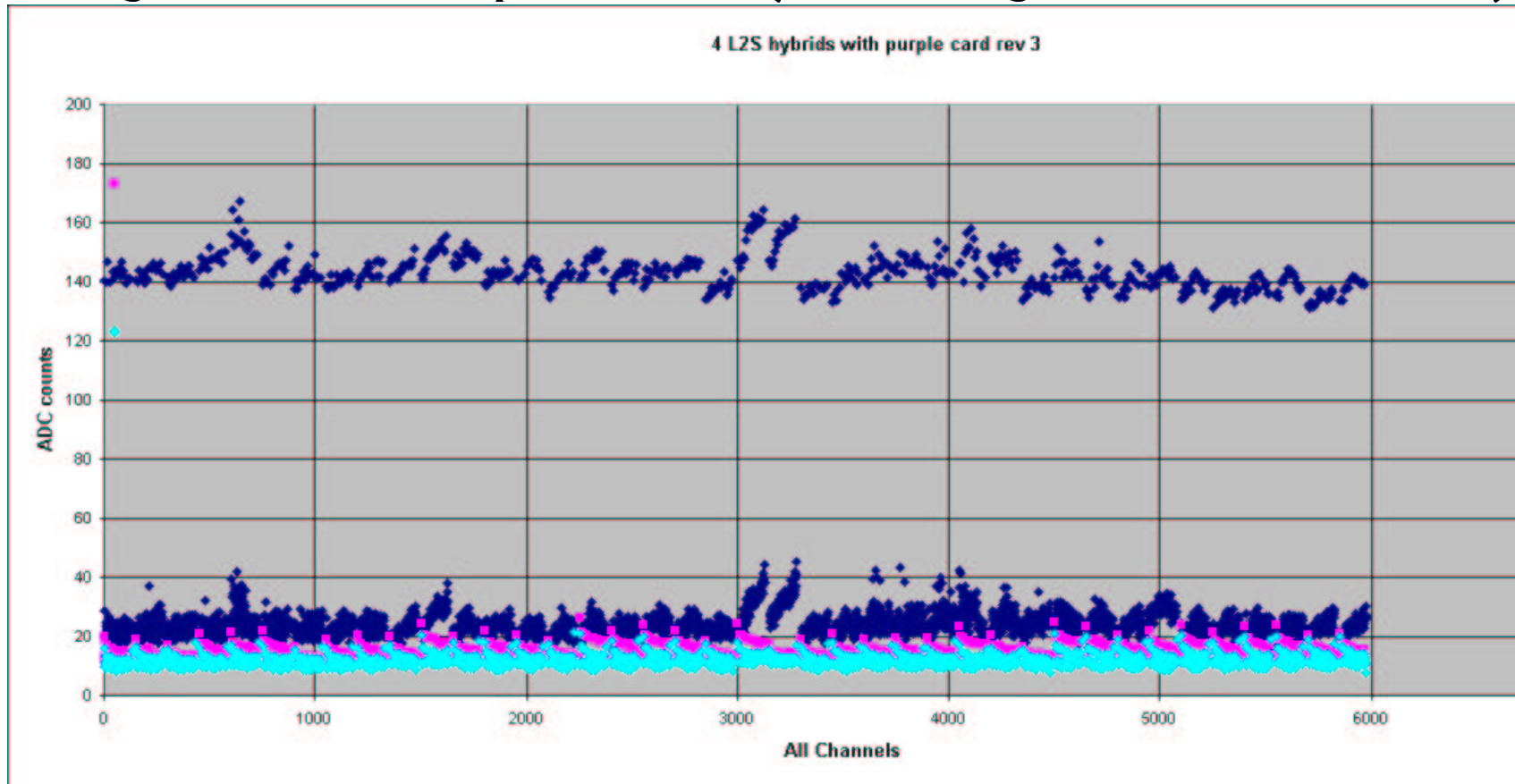
Simultaneous readout of four hybrids

four full chains (power-on problems!)

4 L2S hybrids with full chain + SaSeq
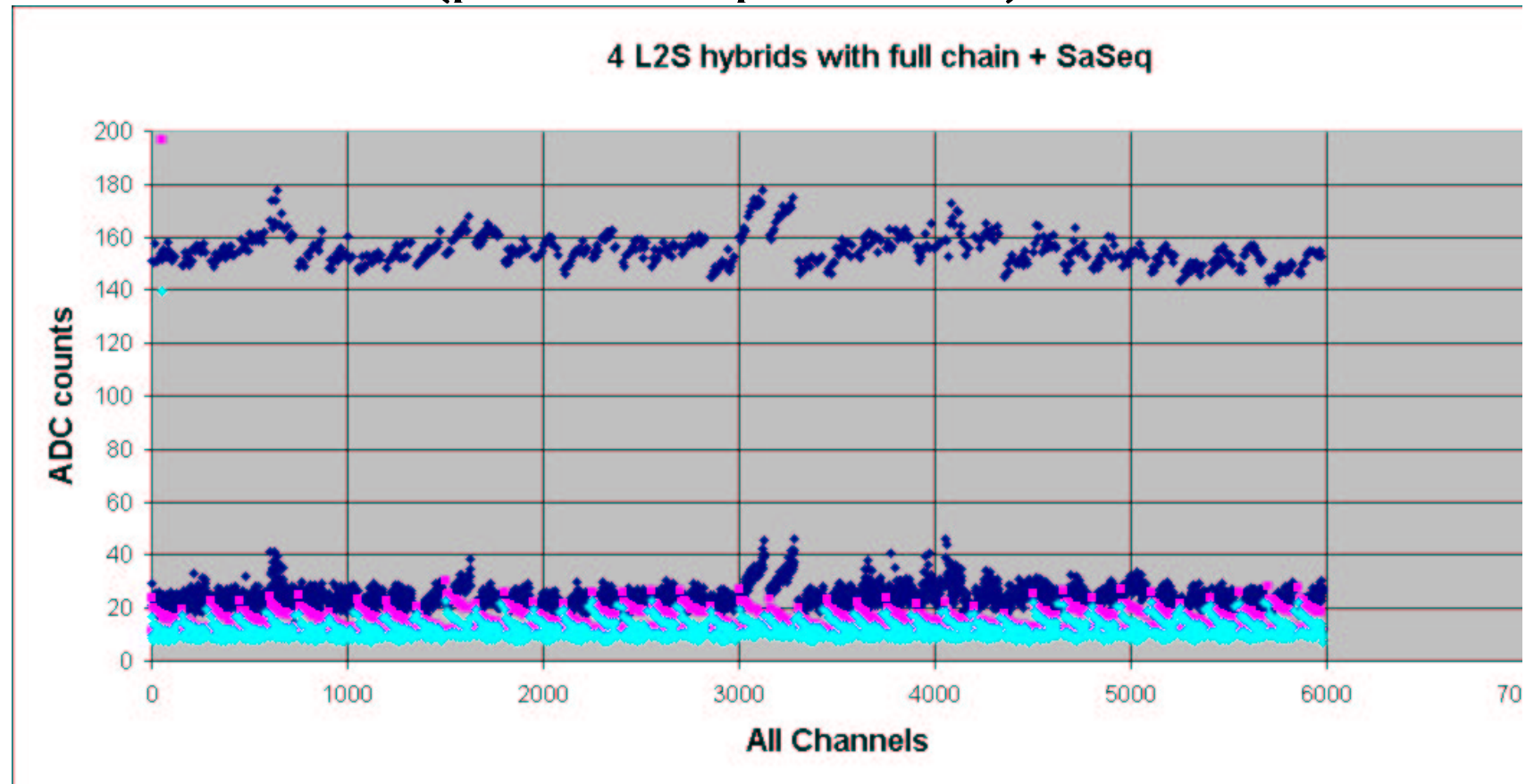
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remarks:

- SaSeqs modified to master/slave by Mike work fine

- Gustavo's spreadsheet handles master/slave readout without problems

- currents scale as expected.
  but: large switch-on currents!

- noise is ok

- about 1/100k event failures

Simultaneous readout of four hybrids

questions to be addressed:

- when trying to switch on all four channels at once: only two are powered; two fail to power up. why?

- what causes the failed readouts?

- verify operation in sparsified mode

Almost ready for full stave readout!